INSTALLATION & OPERATING INSTRUCTIONS
WESTLOCK ACCUTRAK 2100, 2200, 3000 & 3400 SERIES

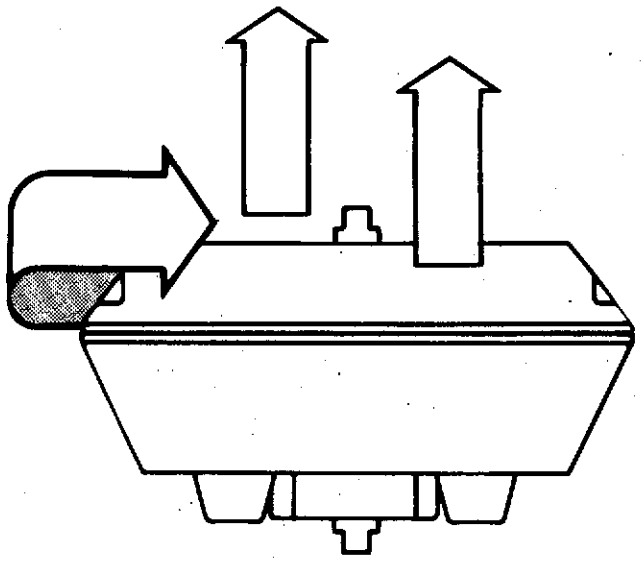
With Mechanical Switches or Hermetically Sealed
MAGNUM Proximity Switches or Inductive Type Proximity Sensors

IMPORTANT: If the AccuTrak™ is in the field already mounted on an actuator and valve, please follow the field wiring instructions on the reverse side.

INSTALLATION:

WARNING: The AccuTrak™ should always be handled with care when the cover is removed and wired to an electrical power source.

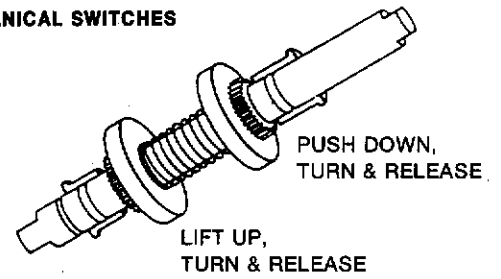
1. Attach the proper mounting bracket and adapter to the AccuTrak™ housing with the hardware provided.
2. Operate the actuator to full closed position.
3. Attach the AccuTrak™ and mounting bracket to the actuator.
4. Remove screws in AccuTrak™ housing, twist cover approximately 45° and lift straight up. (Wiring diagram - inside of AccuTrak™ cover).



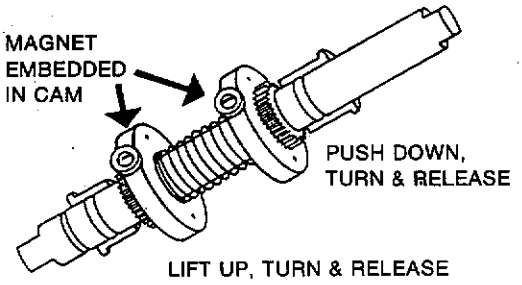
TWIST COVER 45°, THEN LIFT STRAIGHT UP

5. To set switches, lift bottom cam and turn until switch is activated and then release. Spring will push cam back onto the splined shaft. Operate the actuator to the opposite extreme, push down on the top cam and turn until the open switch is activated.

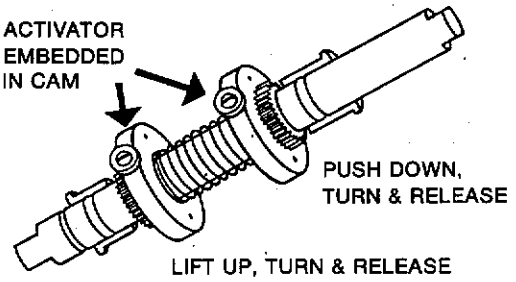
MECHANICAL SWITCHES



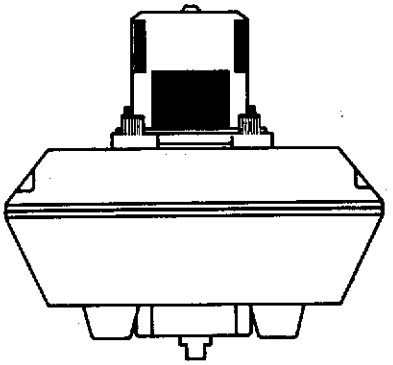
MAGNUM PROXIMITY SWITCHES



INDUCTIVE TYPE PROXIMITY SENSORS



6. Operate actuator from one extreme to the other several times to check switch operation.
7. Replace housing cover. Confirm that you have noted the final position of the valve (full-open or full closed).
8. Install the Beacon on the AccuTrak™ cover following the instructions included with the unit. Make sure the Beacon visual display coincides with the position of the valve

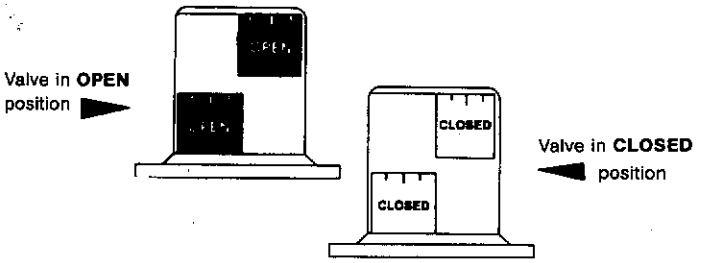


9. Unit is now ready for automatic operation.
10. If any assistance is required, please feel free to call **Westlock Controls** at **01892 516277.**

FIELD WIRING

(IF ACCUTRAK™ IS ALREADY ATTACHED TO A VALVE AND ACTUATOR)

1. Note graphic display of the Beacon and circle one of the coinciding drawings shown below



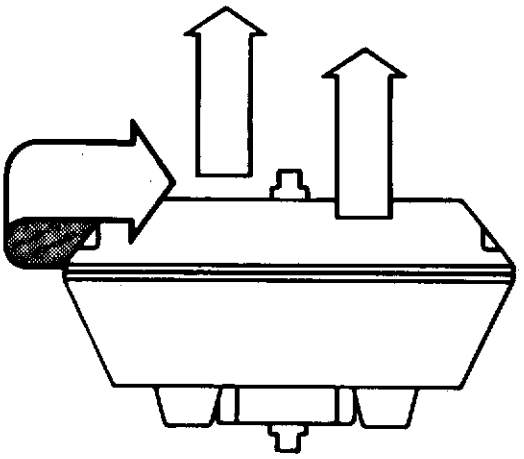
STANDARD FLOW ARRANGEMENTS

PART NO.	ARRANGEMENT NUMBER
90° ROTATION	
BM3-1	1
BM3-3	3
BM3-5	5
180° ROTATION	
BM3-7	7
BM3-9	9

2. Remove the Beacon.

3. Remove the screws in the AccuTrak™ housing, twist cover approximately 45° and lift straight up.

4. The proper wiring diagram for your unit is shown on the inside of the AccuTrak™ cover. Please follow carefully.



5. Complete the electrical wiring in accordance with relevant Electrical Codes. The ground wire should be secure under the green screw. Check all screws for tightness. If the installation is in a hazardous area, all electrical leads must be sealed in accordance with relevant Electrical Codes.

   Always check the nameplate to make sure the I.P. rating coincides with the application.

WARNING: The conduit plugs supplied with the monitors are for transit purposes only; cable glands and cabling methods used in service must be suitable for type of protection. Any unused cable entry hole must be closed with stopping plug suitable for type of protection or long-term storing.

CAUTION: TO PREVENT IGNITION OF HAZARDOUS ATMOSPHERES, REPLACE COVER BEFORE ACTUATING THE ELECTRICAL CIRCUITS. KEEP COVER TIGHTLY CLOSED WHEN IN OPERATION.

6. Replace housing cover and the Beacon. Confirm that the Beacon graphic display coincides with the display originally circled in Step 1.

7. Unit is now ready for automatic operation.

8. If any assistance is required, please feel free to call **Westlock Controls** at **01892 516277.**

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